

OFFICIAL FILE
ILLINOIS COMMERCE COMMISSION

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August 17, 2000

VIA FEDERAL EXPRESS



Ms. Donna M. Caton
Chief Clerk
Illinois Commerce Commission
527 East Capitol Avenue
Springfield, IL 62701

Aug 18 10 43 AM '00
ILLINOIS COMMERCE COMMISSION
CHIEF CLERK'S OFFICE

Re: **Illinois Commerce Commission**
Docket No. 00-0441
Reconciliation of revenues collected under Coal Tar riders with prudent costs associated with coal tar cleanup expenditures

Dear Ms. Caton:

Enclosed for filing on behalf of Union Electric Company d/b/a AmerenUE in the above-captioned matter are an original and seven (7) copies of the Direct Testimony of Donald L. Richardson and Leonard A. Mans, including supporting schedules.

Kindly acknowledge receipt of these materials by file-stamping a copy of this letter and returning it to the undersigned in the enclosed envelope.

Sincerely,

A handwritten signature in cursive script, appearing to read "Susan B. Knowles".

Susan B. Knowles
Associate General Counsel

SBK/sjs
Enclosures

cc: Hearing Examiner Mr. Larry Jones (w/o enclosures)
Ms. Theresa Ebrey

ILLINOIS COMMERCE COMMISSION

DOCKET NO. 00-0441

DIRECT TESTIMONY

OF

DONALD L. RICHARDSON

ON BEHALF OF

UNION ELECTRIC COMPANY

d/b/a AmerenUE

ILLINOIS
COMMERCE COMMISSION
AUG 18 10 43 AM '00
CHIEF CLERK'S OFFICE

St. Louis, Missouri
August 14, 2000

**STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION**

ILLINOIS COMMERCE COMMISSION, on its own Motion,)	
)	
)	
vs.)	Docket No. 00-0441
)	
UNION ELECTRIC COMPANY)	
d/b/a AmerenUE)	
)	
Reconciliation of revenues collected under)	
Coal Tar Riders with prudent costs associated)	
with coal tar clean up expenditures)	

AFFIDAVIT OF DONALD L. RICHARDSON

STATE OF MISSOURI)	
)	SS
CITY OF ST. LOUIS)	

Donald L. Richardson, being first duly sworn on his oath, states:


1. My name is Donald L. Richardson. I work in St. Louis, Missouri and I am a Consulting Environmental Engineer in the Waste Management Division of the Environmental, Safety and Health Department.

2. Attached hereto and made a part hereof for all purposes is my Direct Testimony consisting of 8 pages, prepared in written form for introduction into evidence in Illinois Commerce Commission Case No. 00-0441 on behalf of Union Electric Company d/b/a AmerenUE.

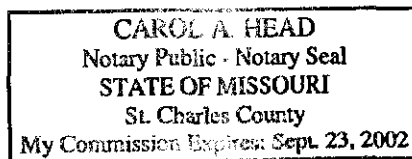
3. I hereby swear and affirm that my answers contained in the attached testimony to the questions therein propounded are true and correct.


Donald L. Richardson

Subscribed and sworn to before me this 16 day of August, 2000.


Notary Public

My Commission expires: 9-23-2002



ILLINOIS COMMERCE COMMISSION

DOCKET NO. 00-0441

DIRECT TESTIMONY

OF

DONALD L. RICHARDSON

ON

BEHALF OF

UNION ELECTRIC COMPANY

d/b/a AmerenUE

Q. Please state your name and business address.

A. My name is Donald L. Richardson and my business address is 1901 Chouteau Avenue, St. Louis, Missouri.

Q. By whom are you employed and in what position?

A. I am employed by Ameren Services Company as a Consulting Environmental Engineer in Waste Management Division of the Environmental Safety and Health Department.

Q. Describe your educational and work background.

1 A. I have a Bachelor and Master of Science in Thermal and Environmental
2 Engineering from Southern Illinois University. I am a licensed Professional Engineer in
3 Missouri and Illinois. For approximately 5 years, I was employed as an engineer with the
4 Illinois Environmental Protection Agency before I accepted a job in the Environmental
5 Department of Central Illinois Public Service Company in 1981. I have worked with
6 former manufactured gas plant (MGP) sites since the early 1980's.

7
8 **Q. Describe your involvement and responsibilities with respect to the Alton**
9 **Manufactured Gas Plant ("MGP") site.**

10 A. I am the current project manager for the Alton MGP site. As the project manager,
11 I am responsible for the investigation and management of the remediation of the site. I am
12 also the Company's liaison with the IEPA regarding the Alton MGP site.

13
14 **Q. Did the Company incur any expenditures in relation to manufactured gas**
15 **plant ("MGP") sites formerly owned and/or operated by AmerenUE?**

16 A. Yes. The Company has one MGP site located in Alton, Illinois, and AmerenUE
17 incurred expenses in 1999 associated with that site.

18
19 **Q. Describe the expenses incurred by the Company in 1999 in connection with**
20 **the Alton MGP site.**

21 A. A consultant was hired to revise documents to meet the requirements of Illinois'
22 TACO program. The majority of the \$12,652 spent in 1999 was paid to the consultant for

1 this effort. The consultant analyzed and compared existing sampling data with numerical
2 TACO cleanup standards in an effort to delineate areas of the site that need remediation.

3
4 **Q. In your opinion, were all of these remediation costs prudently incurred?**

5 A. Yes, they were.

6
7 **Q. What is the basis for your opinion?**

8 A. My opinion is based on the prudence standards referenced by the Commission in
9 its Order issued in Docket 91-0080 through 91-0095. Those standards are as follows:

- 10 (1) reasonable and appropriate business standards;
11 (2) the requirements of other relevant state or federal authorities;
12 (3) the minimization of costs to ratepayers consistent with safety, reliability
13 and quality assurance; and
14 (4) the facts and knowledge the Company knew or reasonably should have
15 known at the time the costs were incurred.
16
17

18 **Q. How do these costs satisfy the first cited prudence standard?**

19 A. All phases of the remedial activities are conducted using currently acceptable
20 professional practice.
21

22 **Q. With respect to the second cited prudence standard, has the work performed**
23 **to date been submitted to the IEPA for review?**

24 A. Yes. All work plans, health and safety plans, air monitoring plans and remedial
25 investigation reports have been submitted for agency approval and comment.
26

1 **Q. In connection with the work performed at the MGP sites, has the Company**
2 **sought to minimize the cost of ratepayers?**

3 A. Yes, it has. AmerenUE has managed the site investigations in the most cost-
4 efficient manner possible, consistent with its obligations under federal and state laws. The
5 Company used appropriate business standards in selecting the best qualified and least-cost
6 contractor through the competitive bid process. All invoices submitted by the contractor
7 are reviewed to ensure they reflect actual job and technical performance, as well as
8 conditions and terms of the contract.

9 In addition, the site investigation work was performed in a phased approach to
10 appropriately limit and allocate expenditures to only the degree warranted by site
11 conditions. The Company reviewed and monitored all work performed by the contractor at
12 the sites in order to ensure that the work performed was both necessary and cost-effective.

13
14 **Q. With respect to the fourth and final prudence standard, were the**
15 **expenditures based on facts and knowledge the Company had at the time of the**
16 **expenditures?**

17 A. Yes, they were. The Company has taken a phased approach to its MGP
18 investigation. Each investigation starts with a core program of site investigation and
19 evaluation. Additional steps, if necessary, are developed, implemented and based on
20 established facts. This ensures a thorough approach, while also minimizing costs.

21
22 **Q. You mentioned "TACO." Please describe that program.**

1 A. TACO (Tiered Approach to Corrective Action Objectives) is a risk-based
2 program to develop cleanup objectives for contaminated soil and groundwater in Illinois.
3 The program involves several steps and is administered by the Illinois Environmental
4 Protection Agency ("IEPA"). The primary steps of the TACO process are: 1) enroll in the
5 program with the IEPA; 2) conduct a site investigation; 3) develop cleanup levels; 4) if
6 necessary, plan the cleanup; 5) if necessary, perform and document the cleanup; 6) record
7 the "No Further Remediation" (NFR) letter; and 7) reimburse the IEPA and pay NFR
8 assessment fees.

9
10 **Q. Has or will the Company use the TACO program in connection with the**
11 **Alton site?**

12 A. Initial site investigation work at the Alton site was performed prior to the
13 development of the TACO program by the Illinois EPA. All future work, however, will be
14 conducted pursuant to the TACO program. As stated earlier, the Company hired a
15 consultant in March 1999 to evaluate the Alton site in regard to the TACO program. The
16 consultant will identify any additional data needs and reports necessary to utilize the TACO
17 program for cleanup criteria and potential remediation.

18
19 **Q. In prior testimony, the Company has described a "phased approach" with**
20 **respect to the remediation of the Alton site. Explain how this "phased approach"**
21 **relates to the TACO program.**

22 A. A phased approach is being utilized at the Alton site. The site investigation was
23 performed in three phases. Upon completion of each phase, data was evaluated and

1 additional data needs were assessed. This phased approach reduces the overall amount of
2 samples, borings and monitoring wells necessary to characterize the site. After the site has
3 been determined to be adequately characterized, the next phase will be initiated to establish
4 cleanup objectives for the Alton site. Cleanup objectives are based using either the Tier 1
5 and 2 tables within the TACO regulations or a full risk assessment may be conducted under
6 the Tier 3 provisions of the TACO regulations. Once these objectives are set, the
7 conceptual design phase can be started to develop cleanup/management options. Under
8 TACO, site contaminates may be managed instead of being removed. Detailed
9 cleanup/management plans are completed after a cleanup option has been selected. The
10 final phase is the initiation of the cleanup. The IEPA is involved with the review and
11 approval of each phase of the site investigation and development of potential remediation
12 plans.

13
14 **Q. What is the status of investigation and remediation of the Alton site?**

15 A. As mentioned earlier, the Company is in the process of revising and resubmitting
16 to IEPA a site investigation report to comply with TACO program requirements. Cleanup
17 objections under TACO are tied to a large degree on land use. The Company does not own
18 or control the site and must negotiate with the owner and its long-term tenant, the U.S.
19 Postal Service, on land restrictions. The Company is in the process of initiating those
20 discussions.

1 **Q. Please provide the projected timeline for the remediation of the site.**

2 A. A definitive timeline for site remediation has not been developed. As mentioned
3 earlier, the Alton site is currently owned by a third party and occupied by the U.S. Postal
4 Service under a long-term leasehold interest. Since AmerenUE does not own the site,
5 cleanup objectives will require negotiations with the site owner and the U.S. Postal Service
6 and approved by the IEPA. The Company considers Alton to be in the upper-tier of sites to
7 be remediated and, assuming favorable negotiations would commence site cleanup
8 beginning in late 2001 or 2002.

9
10 **Q. Please describe the involvement of the Illinois Environmental Protection**
11 **Agency at the site, including the present status of their involvement.**

12 A. Based on the site investigation report submitted to the IEPA, the Company
13 believes the MGP residuals present at the Alton site, are located underneath a paved
14 parking lot and present a minimal route of exposure to the public. Accordingly, site
15 conditions do not present an imminent risk to human health or the environment. To date,
16 the IEPA has not requested the Company to conduct any further remediation activities.
17 The ultimate goal of the Company for any potential remediation of the site would be
18 obtaining a "No Further Remediation" letter from the IEPA. To achieve this goal, the
19 IEPA will need to be fully involved in the review and approval of each phase of the
20 investigation and development of potential site remediation plans.

21
22 **Q. Please provide an estimate (estimated range) of the total remediation cost.**

1 A. An estimate of cleanup cost is difficult to establish until the Company, the site
2 owner and the IEPA agree upon a specific cleanup plan. However, based upon experience
3 with other sites and available technology, the Company estimate remediation costs could
4 range between 1.9 and 7.2 million dollars. If landowner and tenant negotiations proceed
5 favorably, the Company will undertake a remediation with a cost in the lower range of this
6 estimate or less. The higher end of the cost estimate would involve soil removal with off-
7 site thermal treatment of the soil. TACO allows soils with lower contamination to be left
8 on-site provide the exposure pathway can be eliminated. Elimination of the exposure
9 pathways can be accomplished by various methods such as groundwater restrictions, deed
10 restrictions, and engineered barriers. Engineered barriers can be existing buildings, asphalt
11 or concrete pavement or a cap made with clay. Pathway elimination in the majority of
12 situations is significantly lower in cost than soil removal with treatment.

13
14 **Q. Does this conclude your testimony?**

15 A. Yes it does.

ILLINOIS COMMERCE COMMISSION

Docket No. 00-0441

DIRECT TESTIMONY

OF

LEONARD A. MANS

ON BEHALF OF

UNION ELECTRIC COMPANY

d/b/a AmerenUE

ILLINOIS
COMMERCE COMMISSION
Aug 10 10 43 AM '00
CHIEF CLERK'S OFFICE

St. Louis, Missouri
August 14, 2000

**STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION**

ILLINOIS COMMERCE COMMISSION, on)	
its own Motion,)	
)	
vs.)	Docket No. 00-0441
)	
UNION ELECTRIC COMPANY)	
d/b/a AmerenUE)	
)	
Reconciliation of revenues collected under)	
Coal Tar Riders with prudent costs associated)	
with coal tar clean up expenditures)	

AFFIDAVIT OF LEONARD A. MANS

STATE OF MISSOURI)	
)	SS
CITY OF ST. LOUIS)	

Leonard A. Mans, being first duly sworn on his oath, states:

1. My name is Leonard A. Mans. I work in St. Louis, Missouri and I am a Supervisor in the General Accounting Department of the Controller's Function.
2. Attached hereto and made a part hereof for all purposes is my Direct Testimony consisting of 6 pages, along with Schedules A and B, prepared in written form for introduction into evidence in Illinois Commerce Commission Case No. 00-0441 on behalf of Union Electric Company d/b/a AmerenUE.

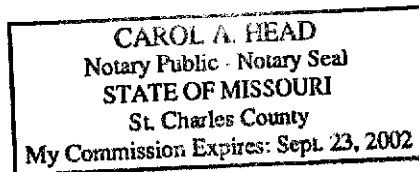
3. I hereby swear and affirm that my answers contained in the attached testimony to the questions therein propounded are true and correct.

Leonard A. Mans
Leonard A. Mans

Subscribed and sworn to before me this 16 day of August, 2000.

Carol A. Head
Notary Public

My Commission expires: 9-23-2002



ILLINOIS COMMERCE COMMISSION

Docket No. 00-0441

DIRECT TESTIMONY

OF

LEONARD A. MANS

ON BEHALF OF

UNION ELECTRIC COMPANY

d/b/a AmerenUE

Q. Please state your name and business address.

A. My name is Leonard A. Mans and my business address is 1901 Chouteau Avenue,
St. Louis, Missouri.

Q. By whom are you employed and in what position?

A. I am employed by Ameren Services Company as a Supervisor in the General
Accounting Department of the Controller's Function. Ameren Services Company is a
part of the Ameren Corporation (Ameren) system which was formed by the December
1997 merger of Union Electric Company (now doing business as AmerenUE) and
CIPSCO Incorporated. Ameren Services Company is a service company which provides
AmerenUE and Central Illinois Public Service Company (now doing business as
AmerenCIPS) and the other companies of the Ameren system with a variety of
administrative, management and support services, including accounting services.

1
2 **Q. Please describe your educational background and work experience.**

3 A. I received a Bachelor of Arts degree in Business Administration with a major in
4 accounting from Fort Hays University in May, 1970. I was employed by Union Electric
5 in June, 1970 and worked as an employee of that company until the December 1997
6 merger mentioned above. I have held several positions as an accountant in the various
7 departments of the Controller's Function and the Rate Department. For nine years I
8 served as the Control Section Supervisor in the Customer Accounts Department. I
9 commenced my position of General Ledger Supervisor with Union Electric in November,
10 1996 and assumed the same position with Ameren Services Company upon completion of
11 the merger.
12

13 **Q. What are your duties as Supervisor in the General Accounting Department?**

14 A. My duties and responsibilities include supervising the maintenance of the general
15 books and accounting records of Union Electric. I also have responsibility for
16 supervising the calculation and filing with this Commission of the monthly information
17 and Annual Report required by Union Electric's Rider R Electric Environmental
18 Adjustment Clause (EEAC) and its Rider E Gas Environmental Adjustment Clause
19 (GEAC).
20

21 **Q. Are you familiar with the subject matter of this proceeding?**

22 A. Yes, I am. By its order dated July 25, 2000, the Commission commenced this
23 proceeding for the purpose of requiring Union Electric to reconcile revenue collected

1 from its electric and gas customers under its Rider R EEAC and its Rider E GEAC, with
2 prudently incurred costs in connection with certain defined environmental remediation
3 activities associated with its Illinois manufactured gas plant (MGP) site. The period
4 covered by this reconciliation proceeding is from January 1, 1999 through December 31,
5 1999.

6
7 **Q. What is the purpose of your testimony in this case?**

8 A. My testimony will present and discuss Union Electric Company's Electric and
9 Gas Environmental Adjustment Clauses Annual Report for 1999 which was sent to the
10 Commission on March 30, 2000. A copy of this Report has been marked for
11 identification in this proceeding as Schedule A.

12
13 **Q. Before addressing the Company's Annual Report, for background please
14 give a brief description of Union Electric's utility operations in Illinois.**

15 A. Union Electric provides retail electric service to approximately 63,000 customers
16 in and around the cities of East St. Louis and Alton, Illinois and natural gas service to
17 approximately 18,000 customers in the Alton area.

18
19 **Q. For how many MGP or coal tar sites in the state of Illinois does Union
20 Electric have responsibility?**

21 A. Union Electric has one Illinois MGP site; that site is in Alton. Mr. Donald L.
22 Richardson of Ameren Services' Environmental, Safety and Health Department has
23 provided testimony in Commission Docket Nos. 98-0296 and 99-0340 which is the Coal

1 Tar Rider reconciliation proceedings covering 1997 and 1998, and this proceeding,
2 Commission Docket 00-0441, regarding the status of the Alton MGP.

3
4 **Q. Did Union Electric incur any environmental remediation activities costs**
5 **associated with its Illinois MGP site for the 1999 reconciliation period?**

6 A. Yes, Union Electric incurred \$12,652.09 in environmental remediation activities
7 costs associated with the Illinois MGP site for the 1999 reconciliation period.

8
9 **Q. Please describe the information set forth in the Electric and Gas**
10 **Environmental Adjustment Clauses Annual Report for 1999 marked for**
11 **identification as UE Exhibit A?**

12 A. The Company incurred incremental costs during 1999 of \$12,652.09. In
13 particular, the Report shows the Company recovered \$43,032.93 through the EEAC and
14 GEAC riders in 1999. This resulted in an over-recovery at December 31, 1999 of
15 \$29,117.55. These activities were also presented in the Annual Report for 1999. The
16 Company anticipates incurring incremental costs associated with the Alton site during
17 calendar year 2000 and this over-recovery will be used to partially offset such costs. This
18 approach is consistent with prior practice and has been agreed to by the Illinois
19 Commerce Commission Staff.

20
21 **Q. Would you discuss the present status of the operation of the Riders?**

22 A. The Company expects to incur site evaluation costs to determine the scope of
23 future remediation activities costs in connection with its Illinois MGP site. In 2000, we

1 are filing monthly EEAC and GEAC factors in anticipation of work which will be
2 performed at Alton in 2000. Mr. Richardson will address the environmental work
3 planned for the Alton MGP site.
4

5 **Q. Will the Company present evidence in this proceeding as to the prudence of**
6 **the costs collected through its Riders?**

7 A. The Company has addressed the prudence of incremental costs incurred by the
8 Company in prior reconciliation proceedings. As I previously testified, incremental
9 costs of \$12,652.09 were incurred by Union Electric with respect to its Illinois MGP site
10 during 1999. Mr. Richardson will address this issue in his testimony.
11

12 **Q. Has the Company received and responded to data requests from the Staff in**
13 **this matter?**

14 A. Yes, it has. Attached hereto as Schedule B are the Company's responses to Staff
15 Data Request Nos. TEM-004 through TEM-005, TEM-009 and TEM-015. The Company
16 is not attaching its response to Staff Data Request No. TEM-008 because it includes
17 confidential customer billing information.
18

19 **Q. Will public notice of the filing of Union Electric's evidence in this proceeding**
20 **be given?**

21 A. In accordance with the Commission's July 25th order, arrangements have been
22 made for notice of the filing of the Company's evidence to be published once each week
23 for two consecutive weeks in newspapers of general circulation in the Company's Illinois

1 service territory. In addition, copies of a public notice will be posted and the evidentiary
2 filing made available at the Illinois business office of the Company.

3
4 **Q. Does this conclude your testimony?**

5 **A. Yes it does.**

SCHEDULE A

Union Electric Company (UE)
Electric and Gas Environmental Adjustment Clauses
Annual Report for 1999

INTRODUCTION

In accordance with UE riders on file with and approved by the Illinois Commerce Commission designated as the RIDER R ELECTRIC ENVIRONMENTAL ADJUSTMENT CLAUSE (EEAC) and the RIDER E GAS ENVIRONMENTAL ADJUSTMENT CLAUSE (GEAC), UE is filing this Annual Report which summarizes costs and recoveries for 1999. This Report provides a reconciliation between the Proportional Costs to be recovered through the EEAC Factor and the GEAC Factor, respectively, and the actual EEAC revenue and GEAC revenue, respectively, for the immediately preceding Annual Recovery Period (calendar year 1999). This report also provides a summary of UE's Environmental Remediation Activities.

RECONCILIATION

Attached to this report are exhibits which provide the reconciliation of Proportional Costs and revenues for the Annual Recovery Period.

Exhibit 1 Reconciliation of Revenues Collected and Proportional Costs

Exhibit 2 Incremental Costs and Carrying Charges

Exhibit 3 Total Recoveries

SUMMARY OF UE'S ENVIRONMENTAL REMEDIATION ACTIVITIES

In 1986 UE was informed by the Illinois Environmental Protection Agency (IEPA) that, in the process of installing an underground storage tank, a contractor had discovered the presence of a viscous, aromatic, tar-like substance at a property in Alton, Illinois. Installation of the underground tank was cancelled. This property was the site of a local Post Office.

At IEPA's request, UE began an internal investigation and determined that the location was the site of a former manufactured gas plant (MGP) previously owned by UE. After further meetings with IEPA, UE agreed to perform an investigation to determine if the substance found was from the MGP operations.

Over the next several years, UE hired various consultants and experts to provide advice and to perform various phased investigations to determine the extent and impact of any remaining residual MGP process byproducts.

The investigations were completed and a report and risk assessment were submitted to IEPA in early 1991. This information concluded that residual byproducts were in fact present in the sub-surface environment. However, it also concluded that these materials were not migrating off site to any significant degree and that the existing Post Office and parking lot provided an effective barrier to any human exposure.

Recent changes to Federal and State regulations which cover the remedial options available for the site have taken effect. These changes to the regulations require a re-evaluation of the information previously submitted to the IEPA for review. This re-evaluation will guide future efforts at the site.

Additional action will depend on the response from IEPA regarding UE's submittal of new information regarding the site.

UNION ELECTRIC COMPANY
Reconciliation of Revenues Collected and Proportional Costs
For the Period January 1, 1999 Through December 31, 1999

Alton Site:

Actual EEAC Revenues

Rate Class	January	February	March	April	May	June	July	August	September	October	November	December	Total
Residential	\$2,994.02	\$3,008.83	\$3,025.75	\$2,922.76	\$2,485.22	\$2,836.02	\$3,892.75	\$4,937.65	\$3,924.49	\$1,874.91	(\$10,512.23)	(\$10,587.52)	\$10,802.64
Small General	\$970.64	\$1,027.86	\$1,335.10	\$979.55	\$2,341.77	\$909.32	\$1,023.38	\$2,972.38	\$1,630.35	\$983.82	(\$4,720.63)	(\$4,713.01)	4,740.52
Large General	\$107.88	\$35.83	\$1,927.65	\$2,215.95	\$1,772.66	\$1,118.07	\$1,253.59	\$902.55	\$337.74	\$997.34	(\$5,363.77)	(\$4,367.17)	938.32
Primary Service	\$4,153.84	\$3,555.01	\$6,346.89	\$3,265.66	\$6,266.74	\$9,068.28	\$700.08	\$1,207.43	\$4,326.66	\$5,822.62	(\$4,203.89)	(\$31,544.72)	8,964.60
Interruptible	(\$42.27)	\$0.00	\$39.40	\$859.35	\$2,475.46	\$1,805.65	\$1,571.15	\$1,865.24	\$530.38	\$3,423.48	\$3,301.65	(\$3,421.93)	12,407.59
Total	\$8,184.11	\$7,627.53	\$12,674.78	\$10,243.28	\$15,341.84	\$15,737.34	\$8,440.96	\$11,885.25	\$10,749.62	\$13,102.17	(\$21,498.87)	(\$54,634.34)	\$37,853.67

Actual GEAC Revenues

Rate Class	January	February	March	April	May	June	July	August	September	October	November	December	Total
General Purchase	\$897.06	\$825.52	\$855.63	\$981.27	\$691.87	\$509.82	\$581.25	\$588.94	\$523.37	\$460.48	(\$1,438.61)	(\$2,003.29)	\$3,473.31
Large Use	\$25.22	\$20.20	\$169.56	\$716.04	\$123.57	(\$853.82)	\$346.80	\$1,269.24	\$761.38	(\$211.07)	(\$664.13)	(\$248.43)	1,454.56
Interruptible	\$38.88	\$39.36	\$68.55	\$0.00	(\$0.00)	\$0.00	\$0.00	\$329.86	\$0.00	\$48.39	\$19.06	(\$247.41)	296.70
Transportation Service	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$83.93	(\$49.86)	(\$79.38)	(45.31)
Total	\$961.16	\$885.08	\$1,093.74	\$1,697.31	\$815.44	(\$344.00)	\$928.04	\$2,188.04	\$1,284.75	\$381.74	(\$2,133.53)	(\$2,578.51)	\$5,179.26

Insurance Recoveries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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Total Collections	\$9,145.27	\$8,512.61	\$13,768.53	\$11,940.59	\$16,157.28	\$15,393.34	\$9,369.00	\$14,073.29	\$12,034.36	\$13,483.90	(\$23,632.40)	(\$57,212.84)	\$43,032.93
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Actual Clean-up Costs	0.00	0.00	0.00	6,504.09	5,948.23	2,833.94	0.00	(6,177.19)	0.00	3,443.02	0.00	0.00	12,652.09
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Over-(Under) Recovery	\$9,145.27	\$8,512.61	\$13,768.53	\$5,436.50	\$10,209.05	\$12,459.40	\$9,369.00	\$20,250.48	\$12,034.36	\$10,040.88	(\$23,632.40)	(\$57,212.84)	\$30,380.84
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Cost of Capital:	6.98%	6.98%	6.98%	6.98%	6.98%	6.98%	6.98%	6.98%	6.98%	6.98%	6.98%	6.98%	
-------------------------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	--

1999 Carrying Charges:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
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1998 Cumulative Costs	407,244.15
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1998 Cumulative Carry Chgs:	50,501.12
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1998 Cumulative Recoveries:	456,481.98
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Exhibit 2

Union Electric Company
Incremental Costs and Carrying Charges
At December 31, 1999

Alton Site

	<u>Incremental Costs</u>	<u>Carrying Charges</u>	<u>Total</u>
Cumulative Incremental Costs and Carrying Charges through December 31, 1998	\$407,244	\$50,501	\$457,745
1999 Incremental Costs and Carrying Charges	<u>\$12,652</u>	<u>\$0</u>	<u>\$12,652</u>
Cumulative Incremental Costs and Carrying Charges at December 31, 1999	<u>\$419,896</u>	<u>\$50,501</u>	<u>\$470,397</u>

Exhibit 3

Union Electric Company
Total Recoveries
At December 31, 1999

<u>Alton Site</u>	<u>Amount</u>
Cumulative Recoveries through December 31, 1998	\$456,482
1999 Recoveries	\$43,033
Cumulative Recoveries through December 31, 1999	\$499,515
Cumulative Costs Incurred through December 31, 1999	<u>\$470,397</u>
Over-(Under) Recovery at December 31, 1999	<u><u>\$29,118</u></u>

SCHEDULE B

**Ameren UE's Response to
ICC Staff Data Request
ICC Docket No. 00-0441**

Company Person Responsible: Leonard A. Mans
Title: General Accounting Supervisor
Business Address: 1901 Chouteau Avenue
St. Louis, MO 63103
Phone: (314)-554-2203

Data Request:

TEM-004

Prepare and provide a detailed schedule of the MGP costs for the 1999 reconciliation period by individual MGP site. This schedule should show each charge and credit for the MGP cleanup costs through the 1999 reconciliation period. Each item in the schedule should have the invoice date, the vendor, the invoice number, the purpose of the expenditure, and the accounting period of the expenditure. Include any additional information necessary to facilitate a review of actual invoices and/or other appropriate source documents. The schedule should show the total for each site for the 1999 reconciliation period.

Response:

See attached schedules.

Illinois Site Summary

Expense Work Order	Description	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	Calendar Totals
	Beginning Deferred Balance	473,557.25	473,557.25	473,557.25	473,557.25	480,061.34	486,009.57	488,943.51	488,943.51	482,766.32	482,766.32	486,209.34	486,209.34	473,557.25
OK042	Add. Allowable Current Expenses: Cleanup of Alton Gas Site	0.00	0.00	0.00	6,504.09	5,948.23	2,933.94	0.00	(6,177.19)	0.00	3,443.02	0.00	0.00	12,652.09
	Sub-Total Allowable Expenses	0.00	0.00	0.00	6,504.09	5,948.23	2,933.94	0.00	(6,177.19)	0.00	3,443.02	0.00	0.00	12,652.09
	Insurance Settlements	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Deferred Balance	473,557.25	473,557.25	473,557.25	480,061.34	486,009.57	488,943.51	488,943.51	482,766.32	482,766.32	486,209.34	486,209.34	486,209.34	486,209.34
	Monthly Interest Factor	0	0	0	0	0	0	0	0	0	0	0	0	0
	Monthly Carrying Costs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Ending Deferred Balance	473,557.25	473,557.25	473,557.25	480,061.34	486,009.57	488,943.51	488,943.51	482,766.32	482,766.32	486,209.34	486,209.34	486,209.34	486,209.34

Exposures:

Travel Expenses:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Stores Expenses:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Union Electric Company														
Manufactured Gas Plant Cleanup Costs														
Expense														
Work Order	Description	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	Totals
	Beginning Deferred Balance:	473,557.25	473,557.25	473,557.25	473,557.25	480,061.34	486,009.57	488,943.51	488,943.51	482,766.32	482,766.32	486,209.34	486,209.34	473,557.25
0K042	Cleanup of Alton Gas Site													
	Paid Absence Loading	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Payroll Distribution	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Accrued Payroll	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Reverse Prior Month's Accrued PR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sub-total Payroll	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Travel Expense	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Company Transportation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Store room	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Accounts Payable	0.00	0.00	0.00	6,504.09	5,948.23	2,933.94	0.00	326.90	0.00	3,443.02	0.00	0.00	19,156.18
	Misc. Journal Vouchers:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	(6,504.09)	0.00	0.00	0.00	0.00	(6,504.09)
	Total Expenses	0.00	0.00	0.00	6,504.09	5,948.23	2,933.94	0.00	(6,177.19)	0.00	3,443.02	0.00	0.00	12,652.09
	Insurance Settlements	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Ending Deferred Balance	473,557.25	473,557.25	473,557.25	480,061.34	486,009.57	488,943.51	488,943.51	482,766.32	482,766.32	486,209.34	486,209.34	486,209.34	486,209.34
	Less Non-allowable Expenses:													
	Payroll	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Company Transportation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Store Room	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Book Correction of 1997 NA Expenses:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Book Correction of PR & Transportation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Book Correction of Store Room	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Erroneous Charges	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Non-allowable Expenses:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Allowable Expenses	0.00	0.00	0.00	6,504.09	5,948.23	2,933.94	0.00	(6,177.19)	0.00	3,443.02	0.00	0.00	12,652.09

**Ameren UE's Response to
ICC Staff Data Request
ICC Docket No. 00-0441**

Company Person Responsible: Leonard A. Mans
Title: General Accounting Supervisor
Business Address: 1901 Chouteau Avenue
St. Louis, MO 63103
Phone: (314)-554-2203

Data Request:

TEM-005

Provide copies of pages from the general ledger, along with a description of the appropriate account numbers, which detail expenses associated with the Company's Riders EEAC and GEAC through the 1999 reconciliation period. Cross-reference the amounts included in the general ledger accounts to the schedule provided in the response to TEM-004.

Response:

Attached are copies of pages from the general ledger and sub-ledger spreadsheet pertaining to the MGP cleanup activity for 1999.

OK 042
ALTON

(08/12/00)

* * * MILLENNIUM ONLINE PRINT: MAYHEW * * *

(PAGE: 1)

DESCRIPTION	ORIGIN	REFERENCE	DATE	PO	AMOUNT	CORP	ACCOUNT NUMBER
GL MISC TRANSFERS	JV	MJ425	03 1999		473,557.25	UEC	281186044
PHILIP ENVIROMENT	AP	734111001	05 1999	85582	5,948.23	UEC	281186044
PHILIP ENVIROMENT	AP	758074001	06 1999	85582	2,933.94	UEC	281186044
PHILIP ENVIROMENT	AP	786084001	08 1999	85582	326.90	UEC	281186044
PHILIP ENVIROMENT	AP	834750001	10 1999	85582	3,443.02	UEC	281186044
					486,209.34		

					486,209.34		

1999 Activity

**Ameren UE's Response to
ICC Staff Data Request
ICC Docket No. 00-0441**

Company Person Responsible: Leonard A. Mans
Title: General Accounting Supervisor
Business Address: 1901 Chouteau Avenue
St. Louis, MO 63103
Phone: (314)-554-2203

Data Request:

TEM-006

Indicate whether costs included in the 1999 annual reconciliation are limited to costs payable to outside providers.

Response:

All costs included in the 1999 annual reconciliation are payable to third party vendors. Expenses related to labor or travel of company employees, and company stores expenses would be excluded.

**Ameren UE's Response to
ICC Staff Data Request
ICC Docket No. 00-0441**

Company Person Responsible: Leonard A. Mans
Title: General Accounting Supervisor
Business Address: 1901 Chouteau Avenue
St. Louis, MO 63103
Phone: (314)-554-2203

Data Request:

TEM-009

Provide copies of pages from the general ledger, along with a description of the appropriate account numbers, which show the revenues associated with the Company's Riders EEAC and GEAC during the 1999 reconciliation period. If the revenues attributable to Riders EEAC and GEAC are not separately recorded in the general ledger, provide a schedule describing how the revenues attributable to Riders EEAC and GEAC and the revenues not attributable to Riders EEAC and GEAC can be derived for the reconciliation period.

Response:

During the calendar year of 1999, UE did not separately record EEAC and GEAC revenues to the general ledger. EEAC and GEAC revenues are included in regular operating revenue accounts of the company. Copies of pertinent general ledger accounts and account descriptions are attached.
EEAC and GEAC revenues were derived by multiplying actual monthly Illinois KWH and therm sales by calculated EEAC and GEAC rate factors.
Calculated monthly EEAC and GEAC factors are derived by dividing the monthly class costs by forecasted monthly KWH and Therm sales.

AMEREN CORPORATION
CLASSIFICATION OF ACCOUNTS
SECTION G
OPERATING REVENUES

C R P	U	D V	MAJ	MIN	NEC	BUD	T	W.O.	USER MEMO
□□□	□	□□	■ ■ ■	■ ■ ■	□□□	□□□	□	□□□□	□□□□□□□□

Account				Description	Corporation													Util.		Required			
FERC ACCT	AMC MAJ-MIN	FUN- CODE	PROP- CODE	OPERATING REVENUES	ADC	AEC	AEN	AMC	AME	AMS	CIC	CIP	EEI	ERC	IHC	UDC	UEC	E	G	NEC	BUD	T	
440				<u>SALES OF ELECTRICITY</u>																			
				<u>(Divisions 11, 15, 21, 23, 25, 26, 27, 28, 2D, 2H, 2J, 2T, 2W, 31, 33, 41, 4C, 4E, 4F, 4H, 4M, 4N, 4S and 4W only)</u>																			
				Residential sales																			
				This account shall include the net billing for electricity supplied for residential purposes.																			
	440-011	500		Billed													X	1		910	REV		
	440-012	501		Unbilled variation								41					21/31	1		910	REV		
	440-501	500		Rate 1T - Time of Day Service								X						1		910	REV		
	440-510	500		Rate 1 - General								X						1		910	REV		
	440-512	500		Rate 1 - Rider 5								X							1		910	REV	
	440-516	500		Rate SCI (UE)								X							1		910	REV	
440-542	500		Rate 13 - Outdoor Lighting								X							1		910	REV		
442				Commercial and industrial sales																			
				This account shall include the net billing for electricity supplied to customers for commercial and industrial purposes.																			
	442-021	510		Commercial sales - Billed													X	1		910	REV		
	442-022	511		Commercial sales - Unbilled variation								41					21/31	1		910	REV		
	442-507	510		Commercial Sales Billed																			
	442-508	510		Rate 6T - Time of Day Services								X						1		910	REV		
	442-520	510		Rate 6 - School District								X						1		910	REV		
			Rate 2B - General								X						1		910	REV			

Account				Description	Corporation													Util.		Required		
FERC ACCT	AMC MAJ-MIN	FUN- CODE	PROP- CODE	OPERATING REVENUES	ADC	AEC	AEN	AMC	AME	AMS	CIC	CIP	EEL	ERC	IHC	UDC	UEC	E	G	NEC	BUD	T
444				SALES OF ELECTRICITY																		
				(Divisions 11, 15, 21, 23, 25, 26, 27, 28, 2D, 2H, 2J, 2T, 2W, 31, 33, 41, 4C, 4E, 4F, 4H, 4M, 4N, 4S and 4W only)																		
	442-521	510		Fixed Usage								X						1		910	REV	
	442-526	510		Rate SC2 - UE								X						1		910	REV	
	442-527	510		Rate 2B - Rider 8								X						1		910	REV	
	442-543	510		Rate 13 - Outdoor Lighting								X						1		910	REV	
	442-902	510		Rate SC3 (UE)								X						1		910	REV	
	442-903	510		Rate SC4 (UE)								X						1		910	REV	
	442-909	510		Rate 9T - Light and Power								X						1		910	REV	
	442-919	510		Rate 9T - Time of Day Service								X						1		910	REV	
	442-932	510		Rate 9B - Guaranteed Load Time of Day								X						1		910	REV	
	442-933	510		Rate 9B - Ruler 11								X						1		910	REV	
	442-031	520		Industrial sales - Billed									15				X	1		910	REV	
	442-032	521		Industrial sales - Unbilled variation								41					21/31	1		910	REV	
				Industrial Sales Billed																		
	442-504	520		Rate SC3 M&M								41						1		910	REV	
	442-505	520		Rate SC4 (UE)								X						1		910	REV	
	442-511	520		Rate 9T - Light and Power								X						1		910	REV	
	442-518	520		Rate 9T - Rider 11 - Time of Day Service								X						1		910	REV	
	442-530	520		Rate 9								X						1		910	REV	
	442-531	520		Rate 9B								X						1		910	REV	
	442-535	520		Rate 9B - Rider 11								X						1		910	REV	
	442-060	522		Interruptible - Billed													X	1		910	REV	
	442-062	523		Interruptible - Unbilled													21/31	1		910	REV	
				Public street and highway lighting																		
				This account shall include the net billing for electricity supplied and services rendered for the purposes of lighting streets, highways, parks and other public places, or for traffic or other signal system service, for municipalities or other divisions or agencies of state or federal governments.																		
	444-011	530		Billed													X	1		910	REV	
	444-012	531		Unbilled variation								41					21/31	1		910	REV	
	444-540	530		Municipal Contracts								X						1		910	REV	

Account				Description	Corporation													Util.		Required		
FERC ACCT	AMC MAJ-MIN	FUN- CODE	PROP- CODE	OPERATING REVENUES	ADC	AEC	AEN	AMC	AME	AMS	CIC	CIP	EEI	ERC	IHC	UDC	UEC	E	G	NEC	BUD	T
445	444-541	530		SALES OF ELECTRICITY																		
				(Divisions 11, 15, 21, 23, 25, 26, 27, 28, 2D, 2H, 2J, 2T, 2W, 31, 33, 41, 4C, 4E, 4F, 4H, 4M, 4N, 4S and 4W only)																		
				Other								X						1		910	REV	
				Other sales to public authorities																		
				This account shall include the net billing for electricity supplied to municipalities or divisions or agencies of federal or state governments, under special contracts.																		
446	445-011	540		Billed													X	1		910	REV	
	445-012	541		Unbilled variation								41					21	1		910	REV	
	445-550	540		Rate 10 Municipal Pumping								X						1		910	REV	
	445-551	540		Miscellaneous								X						1		910	REV	
	446-ACI 446-ARS 446-AUE 446-001 446-010 446-020 446-030 446-040 446-041 446-042 446-043 446-050 446-060	55A		Unbundled ARES Revenue																		
				This account shall include the net billing for electricity supplied to ARES under deregulation.																		
				ARES NITS Billing Transf. To CIP						11								1		X	REV	
				ARES NITS Billing from ARES								41					21	1		X	REV	
				ARES NITS Billing Transfer to UEC						11								1		X	REV	
				ARES Trans Service Network Charge						11								1		X	REV	
				ARES Trans - Sched. System Control NITS						11								1		X	REV	
				ARES Trans - Reactive/Voltage NITS						11								1		X	REV	
				ARES Trans - Reg Frequency NITS						11								1		X	REV	
				Energy IMB NITS on Peak outside band						11								1		X	REV	
				Energy IMB NITS off peak outside band						11								1		X	REV	
				Energy IMP NITS on peak inside band						11								1		X	REV	
				Energy IMP NITS off peak inside band						11								1		X	REV	
				ARES Trans Spinning Reserve NITS						11								1		X	REV	
				ARES Trans & Supplemental Reserve NIT						11								1		X	REV	

Account			Description		Corporation										Util.		Required					
PERC ACCT	AMC MAJ-MIN	FUN- CODE	PROP- CODE	OPERATING REVENUES	ADC	AEC	AEN	AMC	AME	AMS	CIC	CIP	EEI	ERC	IHC	UDC	UEC	E	G	NEC	BUD	T
				<u>SALES OF ELECTRICITY</u> (Divisions 11, 15, 21, 23, 25, 26, 27, 28, 2D, 2H, 2J, 2T, 2W, 31, 33, 41, 4C, 4E, 4F, 4H, 4M, 4N, 4S and 4W only)																		
				Sales for resale																		
				This account shall include the net billing for electricity supplied to other electric utilities or to public authorities for resale purposes.																		
				Requirement sales																		
	447-011	550		Transmission								41	15				X				910	REV
	447-021	552		I/C Timing - UEC								41					X				910	REV
	447-031	550		Billed								41					21/31				910	REV
	447-032	551		Unbilled variation								41									910	REV
	447-033	551		Unbilled revenue - sales for resale - coop.								41	15								910	REV
	447-041	552		I/C Timing - CIP																	910	REV
	447-417	552		Revenue - Financial Firm Transactions								41									910	REV
	447-553	550		Municipal Contract - Mount Carmel Public Authority								X									910	REV
	447-554	550		Municipal Contract - Newton/Greenup								X									910	REV
	447-556	550		Cooperative Contract - Norris Electric Coop.								X									910	REV
	447-557	550		Cooperative Contract - Southern Illinois Power Coop.								X									910	REV
	447-560	552		Transmission System - Impact Studies								X					X				910	REV
	447-995	552		Energy IMB - NITS on peak OU						11		41									X	REV
	447-996	552		Energy IMB - NITS off peak						11											X	REV
	447-997	552		Energy IMB - NITS on peak ins.						11											X	REV
	447-998	552		Energy IMB - NITS off peak ins.						11											X	REV
	447-999	552		ARES Transmission - network						11											X	REV
				Non-requirement sales (Interchange sales)																		
	447-	552		Minors are required with this account, see subsection 447 for appropriate minor to use for the various interchange sales customers.						11		41	15				21				X	REV

Account				Description	Corporation													Util.		Required		
FERC ACCT	AMC MAJ-MIN	FUN- CODE	PROP- CODE	OPERATING REVENUES	ADC	AEC	AEN	AMC	AME	AMS	CIC	CIP	EEI	ERC	IHC	UDC	UEC	E	G	NEC	BUD	T
480				SALES OF GAS																		
				<u>(Divisions 41, 4C, 4E, 4F, 4H, 4M, 4N, 4S, 4W, 81, 82, 83, 85, 86, and 88 only)</u>																		
				Residential sales																		
				This account shall include the net billing for gas supplied for residential purposes.																		
	480-011	500		Residential - Billed													X	2		920	REV	
	480-012	501		- Unbilled variation								41					81/82	2		920	REV	
	480-160	500		Rate 10 - General								X						2		920	REV	
	480-021	502		Residential - Space heating - Billed													X	2		920	REV	
	480-022	503		- Unbilled variation								41					81/82	2		920	REV	
	480-161	502		Rate 10 - Space Heating								X						2		920	REV	
481				Commercial and Industrial sales																		
				This account shall include the net billing for gas supplied to commercial and industrial customers.																		
	481-011	510		Commercial - Billed													X	2		920	REV	
	481-012	511		- Unbilled variation								41					81/82	2		920	REV	
	481-140	510		Rate 140 - Commercial System								X						2		920	REV	
	481-144	510		Rate 144 - Commercial Designated Full Standby								X						2		920	REV	
	481-145	510		Rate 145 - Commercial System								X						2		920	REV	
	481-180	510		Rate 11 - General Gas Service								X						2		920	REV	
	481-021	512		Commercial - Space heating - Billed													X	2		920	REV	
	481-022	513		- Unbilled variation								41					81/82	2		920	REV	
	481-141	512		Rate 141 - Commercial Space Heating								X						2		920	REV	
	481-146	512		Rate 146 - Commercial Space Heating								X						2		920	REV	
	481-148	512		Rate 148 - Coml. Space Ht. Designated Full Standby								X						2		920	REV	
	481-181	512		Rate 11 - Space Heating								X					X	2		920	REV	
	481-031	520		Large Use/Industrial - Billed													X	2		920	REV	
	481-032	521		- Unbilled variation								41					81/82	2		920	REV	
	481-033	521		Industrial Interruptible													21	2		920	REV	
	481-142	520		Rate 142 - Industrial Firm System								X						2		920	REV	
	481-143	520		Rate 143 - Industrial Interruptible System								X						2		920	REV	
	481-147	520		Rate 147 - Industrial Firm System								X						2		920	REV	
	481-149	520		Rate 149 - Industrial Designated Full Standby								X						2		920	REV	
	481-192	520		Rate 22 - Marathon/Morrison								X						2		920	REV	
	481-196	520		Rate 20 - Firm Gas Service								X						2		920	REV	

Account				Description	Corporation													Util.		Required		
FERC ACCT	AMC MAJ-MIN	FUN- CODE	PROP- CODE	OPERATING REVENUES	ADC	AEC	AEN	AMC	AME	AMS	CIC	CIP	EEI	ERC	IHC	UDC	UEC	E	G	NEC	BUD	T
				<u>OTHER GAS OPERATING REVENUES</u>																		
				<u>(Divisions 41, 4C, 4E, 4F, 4H, 4M, 4N, 4S, 4W, 81, 82, 83, 85, 86 and 88 only)</u>																		
487				Forfeited discounts																		
				This account shall include the amount of discounts forfeited or additional charges imposed because of the failure of customers to pay gas bills on or before a specified date.																		
	487-	590		Forfeited discounts								41					X	2		929	REV	
488				Miscellaneous service revenues																		
				This account shall include revenues from all miscellaneous services and charges billed to customers which are not specifically provided for in other accounts.																		
	488-001	590		Fees for changing, connecting or disconnecting service								41					X	2		929	REV	
	488-005	590		Servicing customer installations - trouble calls								41					X	2		929	REV	
489				Transportation of gas of others																		
				This account shall include revenues from transporting gas for other companies through the production, transmission and distribution lines, or compressor stations of the utility.																		
	489-	580		Transportation of gas of others								41					X	2		921	REV	
	489-003	580		Unbilled Variation - Robinson								41						2		921	REV	
	489-004	580		Unbilled Variation - Industrial								41						2		921	REV	
	489-005	580		Unbilled Variation - Marathon								41						2		921	REV	
	489-006	580		Unbilled Variation - Commercial								41						2		921	REV	
	489-150	580		Commercial								X						2		921	REV	
	489-151	580		Commercial Space Heating								X						2		921	REV	
	489-152	580		Industrial Firm								X						2		921	REV	
	489-153	580		Industrial Interruptible								X						2		921	REV	
	489-154	580		Commercial Designated Full Standby								X						2		921	REV	
	489-155	580		Commercial								X						2		921	REV	
	489-156	580		Commercial Space Heating								X						2		921	REV	

AMEREN CORPORATION

OPERATING REVENUE ACCOUNTS

SECTION G

Account				Description	Corporation													Util.		Required			
FERC ACCT	AMC MAJ-MIN	FUN- CODE	PROP- CODE		ADC	AEC	AEN	AMC	AME	AMS	CIC	CIP	EEL	ERC	IHC	UDC	UEC	E	G	NEC	BUD	T	
493				OPERATING REVENUES																			
				OTHER GAS OPERATING REVENUES																			
				<u>(Divisions 41, 4C, 4E, 4F, 4H, 4M, 4N, 4S, 4W, 81, 82, 83, 85, 86 and 88 only)</u>																			
	489-157	580		Industrial Firm																			
	489-158	580		Commercial Space Heating Designated Full Standby																			
	489-159	580		Industrial Designated Full Standby																			
	489-278	580		Rate 22 Interruptible - Marathon																			
				Rent from gas property																			
				This account shall include rents received for the use by others of land, buildings and other for property devoted to gas operations by the utility.																			
495	493-002	570		Other rentals																			
	493-007	570		Rentals of gas meters																			
	493-AMS	570		Ameren Services																			
	493-CIP	570		AmerenCIPS																			
	493-UEC	570		AmerenUE																			
	493-011	570		Ameren Services																			
				Other gas revenues																			
				This account shall include revenues derived from gas operations not includible in any of the foregoing accounts.																			
496	495-008	590		Environmental Rider Revenues																			
	495-010	590		Miscellaneous																			
	495-011	590		Miscellaneous - bill adjustments																			
	495-022	590		Illinois Public Utility Tax																			
	495-NCR	590		Natural Gas Pipeline - Incentive Revenue																			
	495-PCR	590		Panhandle Eastern - Incentive Revenue																			
	495-TCR	590		Texas Eastern - Incentive Revenue																			
				Provision for rate refund																			
				This account shall be charged with provisions for the estimated amounts being collected subject to refund which are estimated to be required to be refunded.																			
	496-	560		Provision for rate refund																			

**Ameren UE's Response to
ICC Staff Data Request
ICC Docket No. 00-0441**

Company Person Responsible: Leonard A. Mans
Title: General Accounting Supervisor
Business Address: 1901 Chouteau Avenue
St. Louis, MO 63103
Phone: (314)-554-2203

Data Request:

TEM-015

Prepare and provide a schedule showing the calculation of Rider EEAC and GEAC revenues. This schedule should be divided by customer class for each month of the reconciliation period. The calculation should use actual KWHs or therms sold, should be multiplied by the monthly factor, and should result in totals by class, month, and reconciliation year.

Response:

See attached schedules.

UNION ELECTRIC COMPANY
Reconciliation of Revenues Collected and Proportional Costs
For the Period January 1,1999 Through December 31,1999

Alton Site:

Actual EEAC Revenues

Rate Class	January	February	March	April	May	June	July	August	September	October	November	December	Total
Residential	\$2,994.02	\$3,008.83	\$3,025.75	\$2,922.76	\$2,485.22	\$2,836.02	\$3,892.75	\$4,937.65	\$3,924.49	\$1,874.91	(\$10,512.23)	(\$10,587.52)	\$10,802.64
Small General	\$970.64	\$1,027.86	\$1,335.10	\$979.55	\$2,341.77	\$909.32	\$1,023.38	\$2,972.38	\$1,630.35	\$983.82	(\$4,720.63)	(\$4,713.01)	4,740.52
Large General	\$107.88	\$35.83	\$1,927.65	\$2,215.95	\$1,772.66	\$1,118.07	\$1,253.59	\$902.55	\$337.74	\$997.34	(\$5,363.77)	(\$4,367.17)	938.32
Primary Service	\$4,153.84	\$3,555.01	\$6,346.89	\$3,265.66	\$6,266.74	\$9,068.28	\$700.08	\$1,207.43	\$4,326.66	\$5,822.62	(\$4,203.89)	(\$31,544.72)	8,964.60
Interruptible	(\$42.27)	\$0.00	\$39.40	\$859.35	\$2,475.46	\$1,805.65	\$1,571.15	\$1,865.24	\$530.38	\$3,423.48	\$3,301.65	(\$3,421.93)	12,407.59
Total	\$8,184.11	\$7,627.53	\$12,674.78	\$10,243.28	\$15,341.84	\$15,737.34	\$8,440.96	\$11,885.25	\$10,749.62	\$13,102.17	(\$21,498.87)	(\$54,634.34)	\$37,853.67

Actual GEAC Revenues

Rate Class	January	February	March	April	May	June	July	August	September	October	November	December	Total
General Purchase	\$897.06	\$825.52	\$855.63	\$981.27	\$691.87	\$509.82	\$581.25	\$588.94	\$523.37	\$460.48	(\$1,438.61)	(\$2,003.29)	\$3,473.31
Large Use	\$25.22	\$20.20	\$169.56	\$716.04	\$123.57	(\$853.82)	\$346.80	\$1,289.24	\$761.38	(\$211.07)	(\$664.13)	(\$248.43)	1,454.56
Interruptible	\$38.88	\$39.36	\$68.55	\$0.00	(\$0.00)	\$0.00	\$0.00	\$329.86	\$0.00	\$48.39	\$19.06	(\$247.41)	296.70
Transportation Service	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$83.93	(\$49.86)	(\$79.38)	(45.31)
Total	\$961.16	\$885.08	\$1,093.74	\$1,697.31	\$815.44	(\$344.00)	\$928.04	\$2,188.04	\$1,284.75	\$381.74	(\$2,133.53)	(\$2,578.51)	\$5,179.26

Insurance Recoveries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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Total Collections	\$9,145.27	\$8,512.61	\$13,768.53	\$11,940.59	\$16,157.28	\$15,393.34	\$9,369.00	\$14,073.29	\$12,034.36	\$13,483.90	(\$23,632.40)	(\$57,212.84)	\$43,032.93
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Actual Clean-up Costs	0.00	0.00	0.00	6,504.09	5,948.23	2,933.94	0.00	(6,177.19)	0.00	3,443.02	0.00	0.00	12,652.09
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Over-(Under) Recovery	\$9,145.27	\$8,512.61	\$13,768.53	\$5,436.50	\$10,209.05	\$12,459.40	\$9,369.00	\$20,250.48	\$12,034.36	\$10,040.88	(\$23,632.40)	(\$57,212.84)	\$30,380.84
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Cost of Capital:	6.98%	6.98%	6.98%	6.98%	6.98%	6.98%	6.98%	6.98%	6.98%	6.98%	6.98%	6.98%	
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1999 Carrying Charges:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
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1998 Cumulative Costs	407,244.15												
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1998 Cumulative Carry Chgs:	50,501.12												
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1998 Cumulative Recoveries:	456,481.98												
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Union Electric Company
Worksheet - Billed Sales
Per Reports #1888 and CRST224

ICC Docket 00-0441
TEM-015

Run Date: 08-Aug-00
L A Mans

Illinois Electric - Kwh														YTD	YTD	
	Nov-98	Dec-98	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	Total	Totals
01 Res Serv	26,211,663	33,766,893	40,673,233	34,875,144	32,940,196	30,416,381	27,653,070	38,733,740	54,812,808	63,817,573	43,841,439	30,531,063	28,267,115	33,344,007	459,905,769	417,030,998
03 Res Serv W/Sp Htg	8,606,429	12,600,022	21,976,404	17,748,484	16,849,238	11,275,657	7,529,965	8,521,628	10,941,644	12,225,086	9,182,816	6,955,389	8,184,223	12,915,612	144,306,124	123,277,069
05 Res Apt Serv	159,712	92,155	110,829	94,691	87,289	73,089	69,813	197,916	40,139	158,868	108,187	80,611	76,197	84,240	1,179,849	2,182,005
15 Large Genl Serv	20,396,061	10,219,653	1,410,788	0	25,849,456	25,063,060	59,969,317	35,425,646	63,465,744	30,829,143	29,766,326	26,371,028	27,336,288	23,334,773	348,821,569	233,642,018
17 Gen Serv	20,428,298	18,145,303	19,711,752	18,769,246	22,014,642	16,118,418	32,135,712	10,436,303	26,036,839	26,959,547	24,711,806	19,773,993	19,534,642	20,777,798	256,980,898	220,137,269
22 Dusk/Dawn Unmtr Only- Exclude #	577,106	625,016	617,108	522,567	521,757	452,201	414,272	375,530	404,110	439,631	476,424	546,826	571,914	619,636	5,961,976	4,907,730
23 Dusk/Dawn W/Mtr Serv- Exclude #	786,102	861,089	836,229	712,663	707,255	616,472	569,153	528,188	558,336	622,190	667,268	762,314	799,610	876,355	8,256,033	6,376,923
33 Priv Outdoor Ltg Mtrd-Exclude #	2,509	2,872	2,929	2,419	2,290	2,290	2,026	2,024	1,937	1,822	1,737	2,311	2,381	3,239	27,405	22,510
39 Annl Recurring Serv-Exclude #	0	0	0	0	0	0	0	0	0	0	0	0	0	18	18	(800)
40 Primary Serv	13,698,047	10,026,310	30,394,122	4,704,115	74,407,784	42,592,245	194,444,073	122,522,980	118,830,233	127,007,509	113,863,699	108,809,417	13,657,015	12,087,335	963,320,527	142,699,280
55 Large Genl Serv	3,448,672	13,096,352	1,360,773	828,436	0	0	0	0	0	0	0	0	0	0	2,189,209	31,215,050
57 Gen Serv - Urban	896,093	811,890	845,446	836,758	1,114,720	684,261	548,697	750,509	713,606	720,735	656,514	574,209	615,354	676,210	8,737,019	9,882,970
60 Annl Recurring Serv-Exclude #	54	0	0	0	0	0	0	0	0	72	0	0	0	0	72	735
61 Primary Serv	153,056,225	203,824,735	106,918,830	102,609,291	147,559,690	49,767,439	31,402,246	75,037,197	23,206,713	30,639,721	49,946,390	43,180,719	43,107,429	220,845,778	924,221,443	1,474,835,502
75 Interruptible Contract	0	0	(1,780,800)	0	54,270,401	33,482,090	31,587,410	58,274,807	54,549,266	23,315,544	26,519,158	42,854,472	52,004,053	27,854,421	402,930,822	602,930,400
80 Metered Str Ltg- Exclude #	370,247	828,712	220,517	178,714	160,055	132,478	131,445	94,030	121,033	112,075	137,787	161,305	107,446	167,483	1,724,368	3,296,812
81 Muni Str Ltg Unmtr- Exclude #	1,206,763	0	(179,270)	0	0	0	0	0	0	0	0	0	0	0	(179,270)	9,895,992
82 Str Ltg Unmtr Fran- Exclude #	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74,603
91 Other Util-Com Bndry Cont- Exclud	55,464	0	890	0	0	0	0	0	0	0	0	0	0	0	890	708,909
Sub-total	249,899,445	304,901,002	223,119,750	181,882,528	376,484,771	210,676,081	386,457,199	350,900,498	353,682,408	316,847,496	299,879,531	280,603,657	194,263,667	353,586,905	3,528,384,491	3,282,914,065
Excludable Amount	2,998,245	2,317,689	1,498,373	1,418,363	1,391,357	1,203,441	1,118,896	999,772	1,085,416	1,175,790	1,283,216	1,472,756	1,481,351	1,666,731	15,791,462	25,281,414
Total	246,901,200	302,583,313	221,621,377	180,466,165	375,093,414	209,472,640	385,340,303	349,900,726	352,596,992	315,671,706	298,596,315	279,130,901	192,782,316	351,920,174	3,512,593,029	3,257,632,651

By Class:

Residential	34,977,804	46,459,070	62,760,466	52,718,319	49,876,721	41,765,127	35,252,848	47,453,284	65,794,591	76,199,507	53,132,422	37,567,063	36,527,535	46,343,859	605,391,742	542,490,072
Small General Service	21,324,391	18,957,193	20,557,198	19,606,004	23,129,362	16,802,679	32,684,409	11,186,812	26,750,445	27,680,282	25,368,320	20,348,202	20,149,996	21,454,008	265,717,717	230,020,239
Large General Service	23,844,733	23,316,005	2,771,561	828,436	25,849,456	25,063,060	59,969,317	35,425,646	63,465,744	30,829,143	29,766,326	26,371,028	27,336,288	23,334,773	351,010,778	264,857,068
Primary Service	166,754,272	213,851,045	137,312,952	107,313,406	221,967,474	92,359,684	225,846,319	197,560,177	142,036,946	157,647,230	163,810,089	151,990,136	58,764,444	232,933,113	1,887,541,970	1,817,334,872
Interruptible	0	0	(1,780,800)	0	54,270,401	33,482,090	31,587,410	58,274,807	54,549,266	23,315,544	26,519,158	42,854,472	52,004,053	27,854,421	402,930,822	602,930,400
Electric Total By Class:	246,901,200	302,583,313	221,621,377	180,466,165	375,093,414	209,472,640	385,340,303	349,900,726	352,596,992	315,671,706	298,596,315	279,130,901	192,782,316	351,920,174	3,512,593,029	3,257,632,651

By Class:	Nov-98	Dec-98	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	YTD Total	YTD Oct 99
Residential:																
Monthly Class Costs:	0.00	0.00	3,144.60	3,108.58	2,869.50	2,657.99	2,768.93	3,507.41	4,060.78	3,834.08	3,101.27	2,493.11	(12,851.41)	(14,244.21)	4,450.62	31,546.24
Previous Month (Over)/Under	0.00	0.00	0.00	0.00	150.58	99.75	(5.67)	(165.02)	278.05	506.37	446.08	(597.20)	(377.14)	21.01	356.80	712.93
Total Monthly Cost	0.00	0.00	3,144.60	3,108.58	3,020.09	2,757.74	2,763.27	3,342.39	4,338.83	4,340.44	3,547.34	1,895.90	(13,228.55)	(14,223.21)	4,807.42	32,259.18
Monthly KWH	34,977,804	46,459,070	62,760,466	52,718,319	49,876,721	41,765,127	35,252,848	47,453,284	65,794,591	76,199,507	53,132,422	37,567,063	36,527,535	46,343,859	605,391,742	522,520,348.00
Monthly EEAC Factor	0.00000	0.00000	0.00005	0.00006	0.00006	0.00007	0.00007	0.00006	0.00006	0.00006	0.00007	0.00005	(0.00029)	(0.00023)		
EEAC Revenue	0.00	0.00	2,994.02	3,008.83	3,025.75	2,922.76	2,485.22	2,836.02	3,892.75	4,937.65	3,924.49	1,874.90	(10,512.23)	(10,587.52)	10,802.63	31,902.38
Monthly (Over)/Under	0.00	0.00	150.58	99.75	(5.67)	(165.02)	278.05	506.37	446.08	(597.20)	(377.14)	21.01	(2,716.32)	(3,635.69)	(5,995.22)	356.80
Residential EEAC Revenue Collec	0.00	0.00	2,994.02	3,008.83	3,025.75	2,922.76	2,485.22	2,836.02	3,892.75	4,937.65	3,924.49	1,874.90	(10,512.23)	(10,587.52)	10,802.63	31,902.38
Small General Service																
Monthly Class Costs:	0.00	0.00	1,149.49	1,106.18	1,115.35	1,123.39	1,639.44	1,804.28	1,775.68	1,778.29	1,442.07	1,140.16	(5,099.00)	(5,196.80)	3,778.52	14,074.31
Previous Month (Over)/Under	0.00	0.00	0.00	0.00	178.85	78.32	(40.90)	222.16	(743.23)	1,117.12	9.06	(76.97)	(179.22)	79.38	644.57	744.41
Total Monthly Cost	0.00	0.00	1,149.49	1,106.18	1,294.20	1,201.71	1,598.54	2,026.44	1,032.44	2,895.41	1,451.13	1,063.19	(5,278.22)	(5,117.42)	4,423.09	14,818.72
Monthly KWH	21,324,391	18,957,193	20,557,198	19,606,004	23,129,362	16,802,679	32,684,409	11,186,812	26,750,445	27,680,282	25,368,320	20,348,202	20,149,996	21,454,008	265,717,717	224,113,713.00
Monthly EEAC Factor	0.00000	0.00000	0.00005	0.00005	0.00006	0.00006	0.00007	0.00008	0.00004	0.00011	0.00006	0.00005	(0.00024)	(0.00022)		
EEAC Revenue	0.00	0.00	970.64	1,027.86	1,335.10	979.55	2,341.77	909.32	1,023.38	2,872.38	1,630.35	983.81	(4,720.63)	(4,713.01)	4,740.51	14,174.16
Monthly (Over)/Under	0.00	0.00	178.85	78.32	(40.90)	222.16	(743.23)	1,117.12	9.06	(76.97)	(179.22)	79.38	(557.59)	(404.41)	(317.42)	644.57
Small Gen Serv EEAC Revenue C	0.00	0.00	970.64	1,027.86	1,335.10	979.55	2,341.77	909.32	1,023.38	2,872.38	1,630.35	983.81	(4,720.63)	(4,713.01)	4,740.51	14,174.16

Large General Service:

Monthly Class Costs:	0.00	0.00	1,098.69	1,065.47	1,124.31	1,163.70	1,161.17	1,016.99	969.25	945.04	966.14	1,163.86	(5,290.47)	(5,342.56)	41.58	10,674.61
Previous Month (Over)/Under	0.00	0.00	0.00	0.00	990.81	1,029.64	187.48	(22.62)	(424.01)	(123.89)	(708.35)	(81.20)	(79.96)	85.32	853.40	848.04
Total Monthly Cost	0.00	0.00	1,098.69	1,065.47	2,115.12	2,193.34	1,348.64	994.38	545.24	821.35	257.78	1,082.65	(5,370.43)	(5,257.24)	894.98	11,522.66
Monthly KWH	23,844,733	23,316,005	2,771,561	828,436	25,849,456	25,063,060	59,969,317	35,425,646	63,465,744	30,829,143	29,766,326	26,371,028	27,336,288	23,334,773	351,010,778	300,339,717.00
Monthly EEAC Factor	0.00000	0.00000	0.00004	0.00004	0.00008	0.00009	0.00005	0.00003	0.00002	0.00003	0.00001	0.00004	(0.00021)	(0.00019)		
EEAC Revenue	0.00	0.00	107.88	35.83	1,927.65	2,215.95	1,772.66	1,118.07	1,253.59	902.55	337.74	997.34	(5,363.77)	(4,367.17)	938.32	10,669.26
Monthly (Over)/Under	0.00	0.00	990.81	1,029.64	187.48	(22.62)	(424.01)	(123.69)	(708.35)	(81.20)	(79.96)	85.32	(6.66)	(890.07)	(43.33)	863.40
Large Gen Serv EEAC Revenue C	0.00	0.00	107.88	143.71	2,071.36	4,287.31	6,059.97	7,178.04	8,431.63	9,334.18	9,671.92	10,669.26	5,305.49	938.32	64,189.06	57,955.26

Primary Service:

Monthly Class Costs:	0.00	0.00	4,389.79	4,484.95	4,745.64	4,801.50	4,655.99	4,144.10	3,749.34	3,945.43	4,429.46	5,015.17	(22,272.03)	(20,688.81)	1,400.54	44,361.38
Previous Month (Over)/Under	0.00	0.00	0.00	0.00	236.96	929.94	(1,365.28)	2,465.78	(2,976.03)	(2,458.40)	73.22	279.60	176.02	(527.86)	(3,167.07)	(2,815.23)
Total Monthly Cost	0.00	0.00	4,389.79	4,484.95	4,981.60	5,731.44	3,290.71	6,609.87	773.30	1,487.02	4,502.68	5,294.77	(22,096.01)	(21,216.67)	(1,766.53)	41,546.14
Monthly KWH	166,754,272	213,851,045	137,312,952	107,313,406	221,967,474	92,359,684	225,846,319	197,560,177	142,036,946	157,647,230	163,810,089	151,990,136	56,764,444	232,933,113	1,887,541,970	1,597,844,413.00
Monthly EEAC Factor	0.00000	0.00000	0.00003	0.00003	0.00003	0.00004	0.00002	0.00004	0.00000	0.00001	0.00003	0.00004	(0.00015)	(0.00014)		
EEAC Revenue	0.00	0.00	4,153.84	3,555.01	6,346.89	3,265.66	6,266.74	9,068.28	700.08	1,207.43	4,326.66	5,822.63	(4,203.89)	(31,544.72)	8,964.61	44,713.21
Monthly (Over)/Under	0.00	0.00	235.96	929.94	(1,365.28)	2,465.78	(2,976.03)	(2,458.40)	73.22	279.60	176.02	(527.86)	(17,892.12)	10,328.05	(10,731.14)	(3,167.07)
Primary Serv EEAC Revenue Coll	0.00	0.00	4,153.84	7,708.85	14,055.73	17,321.40	23,588.14	32,656.41	33,356.50	34,563.92	38,890.58	44,713.21	40,509.32	8,964.61	300,482.51	251,008.58

Interruptible:

Monthly Class Costs:	0.00	0.00	1,747.82	1,765.21	1,675.58	1,783.81	1,450.49	1,203.24	1,120.98	1,173.19	1,737.09	1,863.73	(7,750.23)	(7,790.77)	(19.86)	15,521.14
Previous Month (Over)/Under	0.00	0.00	0.00	0.00	1,790.08	0.00	5,191.48	924.46	4,166.51	322.05	3,716.34	(370.01)	4,923.05	(1,929.78)	18,734.19	15,740.92
Total Monthly Cost	0.00	0.00	1,747.82	1,765.21	3,465.67	1,783.81	6,641.97	2,127.70	5,287.49	1,495.24	5,453.43	1,493.72	(2,827.18)	(9,720.55)	18,714.33	31,262.06
Monthly KWH	0	0	(1,780,800)	0	54,270,401	33,482,090	31,587,410	58,274,807	54,548,266	23,315,544	26,519,158	42,854,472	52,004,053	27,854,421	402,930,822	323,072,348.00
Monthly EEAC Factor	0.00000	0.00000	0.00002	0.00003	0.00005	0.00003	0.00009	0.00003	0.00008	0.00002	0.00008	0.00002	(0.00004)	(0.00013)		
EEAC Revenue	0.00	0.00	(42.27)	0.00	39.40	859.35	2,475.46	1,805.65	1,571.15	1,865.24	530.38	3,423.49	3,301.65	(3,421.93)	12,407.60	12,527.87
Monthly (Over)/Under	0.00	0.00	1,790.08	1,765.21	3,426.27	924.46	4,166.51	322.05	3,716.34	(370.01)	4,923.05	(1,929.78)	(6,128.84)	(6,298.62)	6,306.73	18,734.19
Interruptible EEAC Revenue Collec	0.00	0.00	(42.27)	(42.27)	(2.86)	856.49	3,331.85	5,137.60	6,708.75	8,573.99	9,104.37	12,527.87	15,829.52	12,407.60	74,390.74	48,153.62

Union Electric Company
Worksheet - Billed Sales
Per Report s #1888 and CRST235

ICC Docket 00-0441
TEM-015

Run Date: 08-Aug-00
L A Mans

	Nov-98	Dec-98	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	YTD Total	Oct-98 YTD Total
Alton Gas - Therms																
07 Res GP	33,879.7	61,742.0	98,743.9	91,882.2	82,825.7	48,345.8	24,115.5	14,792.5	11,802.9	10,797.5	11,891.2	18,479.7	28,339.8	56,039.6	498,056.3	401,471.1
17 Res SH	870,446.0	1,411,823.6	3,201,291.0	2,294,298.1	2,063,672.8	1,181,065.6	574,070.7	310,201.7	257,458.0	211,448.0	284,939.7	404,691.0	746,834.1	1,544,883.8	13,054,854.5	10,446,542.0
27 Coml Gen Purpose	48,420.8	90,763.9	80,115.8	69,567.4	60,156.0	50,773.1	34,756.3	30,094.5	26,803.9	28,090.7	35,143.1	27,710.4	58,704.2	143,144.5	645,059.7	584,879.6
37 Coml Space Htg	431,690.9	66,879.4	663,431.0	593,571.6	466,462.9	302,020.4	134,585.1	84,966.5	58,311.2	87,622.8	13,789.6	101,756.9	135,576.2	284,944.0	2,927,038.2	2,782,641.4
57 Interrupt-Seasonal	61,524.4	53,930.9	47,097.9	41,267.2	49,033.2	(1,553.4)	(2,032.7)	0.0	0.0	47,262.0	0.0	45,660.1	33,741.6	54,433.8	314,909.7	740,957.4
67 Large Use - Firm	135,700.5	129,998.5	157,525.9	95,122.1	361,971.9	656,984.4	(18,447.6)	(36,770.1)	623,667.0	146,328.0	167,986.0	40,208.0	141,004.8	128,059.1	2,463,639.5	1,683,807.4
Sub-total	1,581,662.3	1,815,138.3	4,248,205.3	3,185,708.6	3,084,122.5	2,237,635.9	747,047.3	403,285.1	978,043.0	531,549.0	493,749.6	638,506.1	1,144,200.7	2,211,504.8	19,903,558	16,640,298.9
Transportation-(per JV CA011)	5,248.1	2,921.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	210,915.0	107,833.8	0.0	318,749	1,317,445.5
Gas Total:	1,586,910.4	1,818,060.2	4,248,205.3	3,185,708.6	3,084,122.5	2,237,635.9	747,047.3	403,285.1	978,043.0	531,549.0	493,749.6	849,421.1	1,252,034.5	2,211,504.8	20,222,307	17,957,744.4
By Class:																
General Purpose Rate	1,384,437.4	1,631,208.9	4,043,581.5	3,049,319.3	2,673,117.4	1,582,204.9	767,527.6	440,055.2	354,376.0	337,959.0	325,763.6	552,638.0	969,454.3	2,029,011.9	17,125,009	14,215,534.1
Large Use Rate	135,700.5	129,998.5	157,525.9	95,122.1	361,971.9	656,984.4	(18,447.6)	(36,770.1)	623,667.0	146,328.0	167,986.0	40,208.0	141,004.8	128,059.1	2,463,640	1,683,807.4
Interruptible Rate	61,524.4	53,930.9	47,097.9	41,267.2	49,033.2	(1,553.4)	(2,032.7)	0.0	0.0	47,262.0	0.0	45,660.1	33,741.6	54,433.8	314,910	740,957.4
Transportation Service Rate	5,248.1	2,921.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	210,915.0	107,833.8	0.0	318,749	1,317,445.5
Gas Total By Class:	1,586,910.4	1,818,060.2	4,248,205.3	3,185,708.6	3,084,122.5	2,237,635.9	747,047.3	403,285.1	978,043.0	531,549.0	493,749.6	849,421.1	1,252,034.5	2,211,504.8	20,222,307	17,957,744.4

	Nov-98	Dec-98	Jan-99	Feb-99	Mar-99	Apr-99	May-99	Jun-99	Jul-99	Aug-99	Sep-99	Oct-99	Nov-99	Dec-99	YTD Total	YTD- Oct99
By Class:																
General Purpose:																
Monthly Class Costs:	0.00	0.00	869.65	856.02	844.60	799.31	777.61	753.89	746.56	747.34	759.38	806.38	(3,866.57)	(3,975.17)	118.99	7,960.73
Previous Month (Over)/Under	0.00	0.00	0.00	0.00	(27.42)	30.51	(38.45)	(151.45)	47.30	92.62	212.61	251.01	448.62	596.91	1,462.25	416.73
Total Monthly Cost	0.00	0.00	869.65	856.02	817.18	829.82	739.17	602.44	793.86	839.86	971.99	1,057.39	(3,417.95)	(3,378.26)	1,581.24	8,377.46
Monthly Therms	1,384,437.4	1,631,208.9	4,043,581.5	3,049,319.3	2,673,117.4	1,582,204.9	767,527.6	440,055.2	354,376.0	337,959.0	325,763.6	552,638.0	969,454.3	2,029,011.9	17,125,008.7	14,126,542.50
Monthly GEAC Factor	0.00000	0.00000	0.00022	0.00027	0.00032	0.00062	0.00090	0.00116	0.00164	0.00174	0.00161	0.00083	(0.00145)	(0.00099)		
GEAC Revenue	0.00	0.00	897.06	825.52	855.63	981.27	691.87	509.82	581.25	588.94	523.37	480.48	(1,438.61)	(2,003.29)	3,473.31	6,915.21
Monthly (Over)/Under	0.00	0.00	(27.42)	30.51	(38.45)	(151.45)	47.30	92.62	212.61	251.01	448.62	596.91	(1,979.34)	(1,374.97)	(1,892.06)	1,462.25
General Purpose GEAC Revenue C	0.00	0.00	897.06	1,722.58	2,578.21	3,559.48	4,251.35	4,761.17	5,342.41	5,931.36	6,454.72	6,915.21	5,476.60	3,473.31	51,363.44	42,413.54
Large Use:																
Monthly Class Costs:	0.00	0.00	55.87	62.64	67.55	91.74	109.05	120.38	123.71	123.98	116.57	93.63	(342.82)	(286.69)	335.61	965.12
Previous Month (Over)/Under	0.00	0.00	0.00	0.00	30.65	42.44	(71.36)	(581.86)	(85.88)	392.35	(308.98)	(752.91)	(953.78)	(448.22)	(2,737.56)	(1,335.56)
Total Monthly Cost	0.00	0.00	55.87	62.64	98.20	134.16	37.69	(461.47)	37.82	516.33	(192.40)	(659.28)	(1,296.60)	(734.92)	(2,401.96)	(370.44)
Monthly Therms	135,700.5	129,998.5	157,525.9	95,122.1	361,971.9	656,984.4	(18,447.6)	(36,770.1)	623,667.0	146,328.0	167,986.0	40,208.0	141,004.8	128,059.1	2,463,639.5	2,194,575.60
Monthly GEAC Factor	0.00000	0.00000	0.00016	0.00021	0.00050	0.00091	0.00036	(0.00769)	0.00049	0.00671	(0.00287)	(0.00545)	(0.00471)	(0.00194)		
GEAC Revenue	0.00	0.00	25.22	20.20	169.56	716.04	123.57	(853.82)	346.80	1,269.24	761.38	(211.06)	(664.13)	(248.43)	1,454.57	2,367.13
Monthly (Over)/Under	0.00	0.00	30.85	42.44	(71.36)	(581.86)	(65.88)	392.35	(308.98)	(752.91)	(953.78)	(448.22)	(632.48)	(486.49)	(3,856.53)	(2,737.56)
Large Use GEAC Revenue Collecte	0.00	0.00	25.22	45.41	214.98	931.02	1,054.59	200.77	547.57	1,816.80	2,578.18	2,367.13	1,703.00	1,454.57	12,939.23	9,781.67
Interruptible:																
Monthly Class Costs:	0.00	0.00	41.28	47.70	54.17	75.46	92.19	104.59	107.70	106.21	101.39	78.66	(264.28)	(208.73)	336.35	809.36
Previous Month (Over)/Under	0.00	0.00	0.00	0.00	2.40	8.33	(11.98)	83.81	90.21	188.40	187.91	(35.26)	289.30	(4.99)	788.13	503.82
Total Monthly Cost	0.00	0.00	41.28	47.70	56.57	83.81	80.21	188.40	187.91	294.61	289.30	43.41	25.02	(213.73)	1,124.47	1,313.18
Monthly Therms	61,524.4	53,930.9	47,097.9	41,267.2	49,033.2	(1,553.4)	(2,032.7)	0.0	0.0	47,262.0	0.0	45,660.1	33,741.6	54,433.8	314,909.7	226,734.30
Monthly GEAC Factor	0.00000	0.00000	0.00083	0.00095	0.00138	0.00262	0.00251	0.00608	0.00383	0.00982	0.01056	0.00106	0.00049	(0.00419)		
GEAC Revenue	0.00	0.00	38.88	39.36	68.55	0.00	(0.00)	0.00	0.00	329.86	0.00	48.40	19.06	(247.41)	296.71	525.06
Monthly (Over)/Under	0.00	0.00	2.40	8.33	(11.98)	83.81	80.21	188.40	187.91	(35.26)	289.30	(4.99)	5.96	33.68	827.76	788.13
Interruptible GEAC Revenue Collec	0.00	0.00	38.88	78.25	146.80	146.80	146.79	146.79	146.79	476.66	476.66	525.06	544.12	296.71	3,170.29	2,329.47
Transportation Service:																
Monthly Class Costs:	0.00	0.00	2.82	3.26	3.29	3.07	3.00	2.99	3.89	4.33	4.52	3.18	(5.31)	(8.38)	20.66	34.35

Union Electric Company
Worksheet - Billed Sales
Per Report s #1888 and CRST235

ICC Docket 00-0441
TEM-015

Run Date: 08-Aug-00
L A Mans

															YTD	YTD
Previous Month (Over)/Under	0.00	0.00	0.00	0.00	2.82	3.26	6.11	6.32	9.11	9.31	13.00	13.65	17.51	(67.10)	13.99	63.57
Total Monthly Cost	0.00	0.00	2.82	3.26	6.11	6.32	9.11	9.31	13.00	13.65	17.51	16.83	12.21	(75.48)	34.64	97.92
Monthly Therms	5,248.1	2,921.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	210,915.0	107,833.8	0.0	318,748.8	210,915.00
Monthly GEAC Factor	0.00000	0.00000	0.00002	0.00004	0.00008	0.00016	0.00035	0.00052	0.00081	0.00085	0.00092	0.00045	0.00017	(0.00073)		
GEAC Revenue	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.93	(49.86)	(79.38)	(45.31)	83.93
Monthly (Over)/Under	0.00	0.00	2.82	3.26	6.11	6.32	9.11	9.31	13.00	13.65	17.51	(67.10)	62.06	3.90	79.95	13.99
Interruptible GEAC Revenue Collec	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.93	34.07	(45.31)	(90.61)	83.93

Docket No.: 00-0441
UNION ELECTRIC COMPANY
Calculation of Rider Revenues
For the Period January 1, 1999 Through December 31, 1999

Actual EEAC Revenues

Rate Class	January	February	March	April	May	June	July	August	September	October	November	December	Total
Residential KWH	62,760,466.0	52,718,319.0	49,876,721.0	41,765,127.0	35,252,848.0	47,453,284.0	85,794,591.0	76,199,507.0	53,132,422.0	37,567,063.0	36,527,535.0	46,343,859.0	605,391,742.0
EEAC Factor	0.0000477	0.0000571	0.0000807	0.0000700	0.0000705	0.0000598	0.0000592	0.0000648	0.0000739	0.0000499	(0.0002878)	(0.0002285)	
Residential Revenues	\$2,994.02	\$3,008.83	\$3,025.83	\$2,922.76	\$2,485.22	\$2,836.02	\$3,892.65	\$4,938.26	\$3,924.93	\$1,874.90	(\$10,512.03)	(\$10,587.36)	\$10,804.02
Small General KWH	20,557,198.0	19,606,004.0	23,129,362.0	16,802,679.0	32,684,409.0	11,186,812.0	26,750,445.0	27,680,282.0	25,368,320.0	20,348,202.0	20,149,996.0	21,454,008.0	265,717,717.0
EEAC Factor	0.0000472	0.0000524	0.0000579	0.0000583	0.0000716	0.0000813	0.0000375	0.0001082	0.0000635	0.0000480	(0.0002448)	(0.0002166)	
Small General Revenues	\$970.64	\$1,027.86	\$1,338.49	\$979.53	\$2,341.77	\$909.32	\$1,004.41	\$2,994.87	\$1,610.14	\$976.97	(\$4,932.34)	(\$4,647.55)	\$4,574.10
Large General KWH	2,771,561.0	828,436.0	25,849,456.0	25,063,060.0	59,969,317.0	35,425,646.0	63,465,744.0	30,829,143.0	29,766,326.0	26,371,028.0	27,336,288.2	23,334,773.0	351,010,778.2
EEAC Factor	0.0000389	0.0000433	0.0000810	0.0000906	0.0000516	0.0000343	0.0000171	0.0000284	0.0000096	0.0000418	(0.0002119)	(0.0001912)	
Large General Revenues	\$107.88	\$35.83	\$2,093.86	\$2,271.18	\$3,095.43	\$1,213.45	\$1,086.60	\$814.48	\$285.58	\$1,097.43	(\$5,792.83)	(\$4,462.75)	\$1,846.14
Primary Service KWH	137,312,952.0	107,313,406.0	221,967,474.0	92,359,684.0	225,846,319.0	197,560,177.0	142,036,946.0	157,647,230.0	163,810,089.0	151,990,136.0	56,764,444.0	232,933,113.0	1,887,541,970.0
EEAC Factor	0.0000303	0.0000331	0.0000347	0.0000409	0.0000223	0.0000425	0.0000048	0.0000091	0.0000287	0.0000350	(0.0001495)	(0.0001449)	
Primary Service Revenues	\$4,153.84	\$3,555.01	\$7,703.35	\$3,780.80	\$5,034.51	\$8,389.32	\$678.66	\$1,438.75	\$4,708.19	\$5,320.22	(\$8,483.61)	(\$33,754.74)	\$2,524.30
Interruptible KWH	(1,780,800.0)	0.0	54,270,401.0	33,482,090.0	31,587,410.0	58,274,807.0	54,549,266.0	23,315,544.0	26,519,158.0	42,854,472.0	52,004,053.0	27,854,421.0	402,930,822.0
EEAC Factor	0.00002	0.0000255	0.0000488	0.0000257	0.0000947	0.0000342	0.0000787	0.0000215	0.0000787	0.0000208	(0.0000415)	(0.0001344)	
Interruptible Revenues	(\$42.27)	\$0.00	\$2,647.23	\$861.94	\$2,992.82	\$1,995.61	\$4,294.46	\$502.08	\$2,085.76	\$890.74	(\$2,159.88)	(\$3,743.25)	\$10,325.27
Total EEAC Revenues	\$8,184.11	\$7,627.53	\$16,808.75	\$10,816.22	\$15,949.74	\$15,343.72	\$10,956.79	\$10,688.44	\$12,614.80	\$10,160.26	(\$31,880.69)	(\$57,195.64)	\$30,073.83

Actual GEAC Revenues

Rate Class	January	February	March	April	May	June	July	August	September	October	November	December	Total
General Purpose Therms	4,043,581.5	3,049,319.3	2,673,117.4	1,582,204.9	767,527.6	440,055.2	354,376.0	337,959.0	325,763.6	552,638.0	969,454.3	2,029,011.9	17,125,008.7
GEAC Factor	0.0002218	0.0002707	0.0003201	0.0006202	0.0009014	0.0011585	0.0016402	0.0017426	0.0016066	0.0008332	(0.0014538)	(0.0009872)	
General Purpose Revenues	\$897.06	\$825.52	\$855.63	\$981.27	\$691.87	\$509.82	\$581.25	\$588.94	\$523.37	\$460.48	(\$1,409.42)	(\$2,003.08)	\$3,502.71
Large Use Therms	157,525.9	95,122.1	361,971.9	656,984.4	(18,447.6)	(38,770.1)	623,667.0	146,328.0	167,986.0	40,208.0	141,004.8	128,059.1	
GEAC Factor	0.00016	0.0002123	0.0004980	0.0009066	0.0003624	(0.0076912)	0.0004912	0.0067055	(0.0028717)	(0.0054486)	(0.0047149)	(0.0019391)	
Large Use Revenues	\$25.22	\$20.20	\$179.52	\$595.65	(\$6.69)	\$282.81	\$306.33	\$981.21	(\$482.40)	(\$219.08)	(\$664.83)	(\$248.32)	\$769.62
Interruptible Therms	47,097.9	41,267.2	49,033.2	(1,553.4)	(2,032.7)	0.0	0.0	47,262.0	0.0	45,660.1	33,741.6	54,433.8	314,909.7
GEAC Factor	0.00083	0.00095	0.0013797	0.0026191	0.0025064	0.0060775	0.0038349	0.0088202	0.0105584	0.0010587	0.0004906	(0.0041907)	
Interruptible Revenues	\$38.88	\$39.36	\$67.65	(\$4.07)	(\$5.09)	\$0.00	\$0.00	\$464.12	\$0.00	\$48.34	\$16.55	(\$228.12)	\$437.63
Transportation Therms	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	210,915.0	107,833.8	0.0	318,748.8
GEAC Factor	0.00002	0.00004	0.0000814	0.0001581	0.0003502	0.0005174	0.0008124	0.0008530	0.0009218	0.0004549	0.0001695	(0.0007328)	
Transportation Revenues	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$95.95	\$18.28	\$0.00	\$114.23
Total GEAC Revenues	\$961.16	\$885.08	\$1,102.80	\$1,572.86	\$680.09	\$792.63	\$887.57	\$2,034.27	\$40.97	\$385.70	(\$2,038.41)	(\$2,479.52)	\$4,824.19
Total Rider Revenues	\$9,145.27	\$8,512.61	\$17,911.56	\$12,389.07	\$16,629.83	\$16,136.35	\$11,844.36	\$12,722.71	\$12,655.56	\$10,545.95	(\$33,920.10)	(\$59,675.15)	\$34,898.02

*Calculated Revenues differ from actuals due to rounding and billing adjustments